Notice of Allowability	Application No.	Applicant(s)	
	10/801,177	BELLIVEAU, RICHARD S.	
	Examiner	Art Unit	
	Y M. LEE	2885	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *6/14/2011*.

2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

3. ☒ The allowed claim(s) is/are *1-82*.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a) ☐ All b) ☐ Some* c) ☐ None of the:
      1. ☐ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date *7/19/2011* .
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

/Y M. Lee/
Primary Examiner, Art Unit 2885

1. Applicant's arguments and amendments filed June 14, 2011 have been fully considered. Claims 1 to 82 are allowed. A supplemental oath and declaration was filed July 19, 2011.

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Walter Tencza Jr. on July 19, 2011.

In the Claims:

Claim 1. Line 1, before "An apparatus", --(Original)- has been inserted.

Claims 2-12. Line 1, before "The apparatus", --(Original)- has been inserted.

Claim 15. Line 2, after "diodes", --.-- has been inserted.

Claim 49. Line 1, after "substrate", --.-- has been inserted.

Claim 54. Line 1, after "yellow", --.-- has been inserted.

Claim 70. Line 1, after "substrate", --.-- has been inserted.

Claim 1 is allowed because the prior art individual or taken as a whole does not teach the removable holder connected onto the case causing the flexible substrate to deform by applying pressure to the center region of the flexible substrate to concentrate the light from the light sources fixed on the flexible substrate in the second direction that is different from the light of the light sources concentrated in the first direction when the flexible substrate is not deformed in combination with all other features as required by claim 1. Claims 2 to 5 depend on claim 1 and as such are also allowed.

Claim 6 is allowed because the prior art individual or taken as a whole does not teach the center electrical terminal of the flexible substrate making electrical contact with the flexing device when the flexing device applies pressure to the center region of the flexible substrate for flexing the flexible substrate to cause the flexible substrate to deform to concentrate the light from the light sources fixed on the flexible substrate in the second direction that is different from the light of the light sources concentrated in the first direction when the flexible substrate is not deformed in combination with all other features as required by claim 6. Claims 7 to 9 depend on claim 6 and as such are also allowed.

Claim 10 is allowed because the prior art individual or taken as a whole does not teach the battery of the flexing device having the terminal applying pressure to the center region of the flexible substrate for flexing the flexible substrate to cause the flexible substrate to deform to concentrate the light from the light sources fixed on the flexible substrate in the second direction that is different from the light of the light sources concentrated in the first direction when the flexible substrate is not deformed and while the pressure is being applied to the center region of the flexible substrate, the flexible substrate housing applies pressure to the peripheral region of the flexible substrate in a substantially opposite direction to the pressure being applied to the center region in combination with all other features as required by claim 10.

Claim 11 is allowed because the prior art individual or taken as a whole does not teach the flexing device applying pressure to the center region of the flexible substrate to cause the flexible substrate to deform to concentrate the light from the light sources fixed on the flexible substrate in the second direction that is different from the light of the light sources concentrated in the first direction when the flexible substrate is not deformed with the first and second terminal of each light source electrically connected to its own first and second conductive material on the flexible substrate respectively and the first conductive materials electrically connected to the center conductive material on the flexible substrate while the second conductive materials electrically connected to the peripheral conductive material on the flexible substrate in combination with all other features as required by claim 11.

Claim 12 is allowed because the prior art individual or taken as a whole does not teach the removable holder connected onto the case causing the flexible substrate to deform by applying pressure to the second region of the flexible substrate in the first direction substantially opposite to the pressure applying to the first region in the second direction to concentrate the light from the light sources fixed on the flexible substrate in the fourth direction that is different from the light of the light sources concentrated in the third direction when the flexible substrate is not deformed in combination with all other features as required by claim 12.

Claim 13 is allowed because the prior art individual or taken as a whole does not teach means for remote positioning of the lamp housing with respect to the base housing so that the actual azimuth of the lamp housing with respect to the base housing is set to a predetermined azimuth value and the actual elevation of the lamp housing with respect to the base housing is set

to a predetermined elevation value so that light from the light emitting diodes is projected onto a predetermined location of the projection surface as determined by the actual azimuth and the actual elevation and in response to one or more control signals which specify the predetermined azimuth value and the predetermined elevation value in combination with all other features as required by claim 13. Claims 14 to 26 depend on claim 13 and as such are also allowed.

Claim 27 is allowed because the prior art individual or taken as a whole does not teach the variable filter in combination with all other features as required by claim 27. Claims 28 to 32 depend on claim 27 and as such are also allowed.

Claim 33 is allowed because the prior art individual or taken as a whole does not teach the light emitted from the first portion and the second portion of the light emitting diodes emitted through the variable filter with the communications component receiving the control command for varying control information to the variable filter in combination with all other features as claimed in claim 33. Claim 34 depends on claim 33 and as such is also allowed.

Claim 35 is allowed because the prior art individual or taken as a whole does not teach means for remote positioning of the lamp housing with respect to the base housing so that the actual azimuth of the lamp housing with respect to the base housing is set to a predetermined azimuth value and the actual elevation of the lamp housing with respect to the base housing is set to a predetermined elevation value so that light from the light emitting diodes is projected onto a predetermined location of the projection surface as determined by the actual azimuth and the actual elevation and in response to one or more control signals which specify the predetermined azimuth value and the predetermined elevation value in combination with all other features as required by claim 35. Claims 36 to 43, 48 and 49 depend on claim 35 and as such are also allowed.

Claim 44 is allowed because the prior art individual or taken as a whole does not teach the variable filter in combination with all other features as required by claim 44. Claims 45 to 47 depend on claim 44 and as such are also allowed.

Claim 50 is allowed because the prior art individual or taken as a whole does not teach means for remote positioning of the lamp housing with respect to the base housing so that the actual azimuth of the lamp housing with respect to the base housing is set to a predetermined azimuth value and the actual elevation of the lamp housing with respect to the base housing is set

to a predetermined elevation value so that light from the light emitting diodes is projected onto a predetermined location of the projection surface as determined by the actual azimuth and the actual elevation and in response to one or more control signals which specify the predetermined azimuth value and the predetermined elevation value in combination with all other features as required by claim 50. Claims 51 to 64 and 69 to 72 depend on claim 50 and as such are also allowed.

Claim 65 is allowed because the prior art individual or taken as a whole does not teach the variable filter in combination with all other features as required by claim 65. Claims 66 to 68 depend on claim 65 and as such are also allowed.

Claim 73 is allowed because the prior art individual or taken as a whole does not teach means for remote positioning of the lamp housing with respect to the base housing so that the actual azimuth of the lamp housing with respect to the base housing is set to a predetermined azimuth value and the actual elevation of the lamp housing with respect to the base housing is set to a predetermined elevation value so that light from the light emitting diodes is projected onto a predetermined location of the projection surface as determined by the actual azimuth and the actual elevation and in response to one or more control signals which specify the predetermined azimuth value and the predetermined elevation value in combination with all other features as required by claim 73. Claims 75 to 77 depend on claim 73 and as such are also allowed.

Claim 74 is allowed because the prior art individual or taken as a whole does not teach the flexible substrate mounted in the threaded holder of the first housing engaging the threaded case of the second housing with the threaded holder manually rotatable relative to the threaded case for revolving the threaded holder of the first housing relative to the threaded case of the second housing to vary the directions of light energy emission by deformation of the flexible substrate having the light emitting diodes mounted thereon and wherein the light emitting diodes of the first portion emitting first color of light are connected to the first circuit varying the intensity of light emitted by the first portion of the light emitting diodes while the light emitting diodes of the second portion emitting light of the second color different from the first color are connected to the second circuit varying the intensity of light emitted by the second portion of the light emitting diodes in combination with all other features as required by claim 74.

Claim 78 is allowed because the prior art individual or taken as a whole does not teach means for remote positioning of the lamp housing with respect to the base housing so that the actual azimuth of the lamp housing with respect to the base housing is set to a predetermined azimuth value and the actual elevation of the lamp housing with respect to the base housing is set to a predetermined elevation value so that light from the light emitting diodes is projected onto a predetermined location of the projection surface as determined by the actual azimuth and the actual elevation and in response to one or more control signals which specify the predetermined azimuth value and the predetermined elevation value in combination with all other features as required by claim 78.

Claim 79 is allowed because the prior art individual or taken as a whole does not teach means for remote positioning of the lamp housing with respect to the base housing so that the actual azimuth of the lamp housing with respect to the base housing is set to a predetermined azimuth value and the actual elevation of the lamp housing with respect to the base housing is set to a predetermined elevation value so that light from the light emitting diodes is projected onto a predetermined location of the projection surface as determined by the actual azimuth and the actual elevation and in response to one or more control signals which specify the predetermined azimuth value and the predetermined elevation value in combination with all other features as required by claim 79. Claims 80 to 82 depend on claim 79 and as such are also allowed.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Y Quach Lee whose telephone number is 571-272-2373. The examiner can normally be reached on Monday to Thursday from 8:00 am to 2:00 pm.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the customer service 571-272-2815.

Y. Q.
July 19, 2011

/Y M. Lee/
Primary Examiner, Art Unit 2885